

# ATLAS EXPLORATIONS LIMITED

330 MARINE BUILDING  
355 BURRARD STREET  
VANCOUVER 1, B.C.

## CLAIRE CREEK PROPERTY EXAMINATION

NTS 105-E-14

### SUMMARY

The Claire Creek property was examined August 28 to August 31, to map the area and prospect for coal.

### CONCLUSION

The only coal to be found was in thin stringers up to two inches thick.

### RECOMMENDATIONS

No immediate action need be taken.

### INTRODUCTION

The area was examined to explore for coal and for use in correlation of the Tantalus Formation.

### LOCATION

The property is on Claire Creek, three miles south of the Yukon River.

### ACCESS

The location can be reached by helicopter or by riverboat along the Yukon River.

### PROPERTY AND OWNERSHIP

Not staked or under exploration licence.

### TOPOGRAPHY

Tantalus conglomerate outcrops on the grass and tree covered steeply sloping bank on Claire Creek.

### HISTORY OF THE OCCURRENCE

Bostock and Lies (1938) state that coal was found in the Claire Creek area.

### GENERAL GEOLOGY

Interbedded conglomerate and sandstone of the Tantalus formation strike at approximately 300 degrees and dip at 70 to 80 degrees to the southwest. The conglomerate consists of pebbles and cobbles of dark chert, white quartz and light grey quartzites in a sandy matrix. Regularly interbedded with the conglomerate is arkosic sandstone with an abundance of white feldspars. Some siltstone and shale with carbonaceous plant fragments occur in the Tantalus also.

Dark coloured volcanics of dacite composition outcrop to the east, north and south of the conglomerate. Rhyolite outcrops to the west, across Claire Creek. The rhyolite is mapped as intrusive by Bostock and Lies but is more likely volcanic.

Sediments associated with the dacite volcanics occur along the creek. These sediments, varying from arkose to greywackes, are brecciated in places and contain veins of limy chert material.

### MINERALIZATION

Shiny black coal, in thin discontinuous stringers up to two inches thick, occur in the conglomerate.

J.F. George  
August 1970

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YUKON RIVER

# CLAIRE CREEK PROPERTY EXAMINATION

Legend

- A T. TALUS FM
- B Hutshi Gp. volcanics
- C Light colored volcanics
- D Sedimentary rocks  
assoc. with fault and volcanics
- 12 outcrop location

